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Polarization of Radiation From Insertion Device Sources,* Kwang-Je Kim, Lawrence Berkeley Laboratory, 1 Cyclotron Road, Berkeley, CA 94720--Synchrotron radiation is inherently highly polarized and is thus useful in studying the polarization sensitive phenomena such as circular dichroism and magnetic scattering. The opportunity to utilize the polarization degree of freedom in synchrotron radiation is further expanded recently with the novel types of wigglers and undulators specially designed to obtain the desired polarization properties. In this paper, we review the principles and characteristics of these devices.

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